



Date: July 18, 2001

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FORM PTO-1449 (Colb)	ATTY DOCKET NO. U-013220-5	SERIAL NUMBER 09/744,085
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Arthur SCHAFFER, et al.	
	FILING DATE January 19, 2001	GROUP ART UNIT (N/A) 1638

U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
DTF	AA	5,817,913	10/1998	Schaffer	800	200	
J	AB	5,498,830	3/1996	Barry, et al.	800	205	
J	AC	5,608,149	3/1997	Barry, et al.	800	205	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
DTF	AD	WO 94/22289	Oct. 1994	PCT	—	—	Y
DTF	AE	WO 92/14831	Sep. 1992	PCT	—	—	Y

OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

DTF	AF	Azanza F et al., "Genes from <i>Lycopersicon Chemielewskii</i> Affecting Tomato Quality During Fruit Ripening", Theoretical and Applied Genetics 1995, Vol. 91, no. 3, August 1995, pp. 495-504.
	AG	Dinar M et al., "The Relationship Between Starch Accumulation and Soluble Solids Content of Tomato <i>Lycopersicon-Esculentum</i> Fruits", Journal of the American Society for Horticultural Science, 1981. Vol. 106, no. 4, pp. 415-418.
	AH	Stark David M et al., "Improvement of Food Quality Traits Through Enhancement of Starch Biosynthesis", Conference, Lexington, Kentucky, USA, Oct. 1-4, 1995. Vol. 792, pp. 26-36.
	AI	Schaffer Arthur A et al., "Sucrose -to-Starch Metabolism in Tomato Fruit Undergoing Transient Starch Accumulation", Plant Physiology, 1997, Vol. 113, no.3 pp. 739-746.
	AJ	Schaffer Arthur A et al., "Modification of Carbohydrate Content in Developing Tomato Fruit", 94 th Annual Int. Conf. of the American Society for Horticultural Science, Salt Lake City, Utah, USA, July 23-26, 1997, Vol. 32 no.7, p. 551.
EXAMINER: David M		DATE CONSIDERED: 9/29/02
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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DX	AB	WO 91/19806	Dec. 1991	PCT	—	—	Y
↓	AC	WO 96/24679	Aug. 1996	PCT	✓	—	Y

OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

DD	AD	Miron D et al., "Sucrose Phosphate Synthase Sucrose Synthase and Invertase Activities in Developing Fruit of Lycopersicon-Esculentum Mill. And the Sucrose Accumulating Lycopersicon-Hirsutum Humb. And Bonpl", Plant Physiology (Bethesda) 1991, Vol. 95, no.2, <i>pages 623-627</i>
↓	AE	Park S W et al., "Molecular Cloning and Organ-Specific Expression of Three Isoforms of Tomato ADP-Glucose Pyrophosphorylase Gene", Gene: An International Journal of Genes and Genomes, GB, Elsevier Science Publishers, Barking, Vol. 206, no.2 January 1998, <i>215-221</i>
↓	AF	Hadas R et al., "PCR-generated molecular markers for the invertase gene and sucrose accumulation in tomato", Theoretical and Applied Genetics, Vol. 90 no. 7-8, 1995, <i>pages 1142-1148</i>
↓	AG	Schaffer Arthur A et al., "ADPglucose pyrophosphorylase activity and starch accumulation in immature tomato fruit: the effect of a lycopersicon hirsutum-derived introgression encoding for the large subunit", Plant Science (Shannon), March 2000, Vol. 152, no. 2, <i>pages 135-144</i>
↓	AH	Schaffer Arthur a et al., "Modification of carbohydrate content in developing tomato fruit", Hortscience Oct. 1999, Vol. 34, no. 6, <i>pages 1024-1027</i>
↓	AI	Y. Eshed et al., "Introgressions from Lycopersicon pennellii can improve the soluble-solids yield of tomato hybrids", Theor. Appl. Genet., 88:891-897, 1994.
↓	AJ	Y. Eshed, et al., "Lycopersicon esculentum lines containing small overlapping introgressions from L. pennellii, Theor. Appl. Genet, 83:1027-1034, 1992.
EXAMINER: <i>[Signature]</i>		DATE CONSIDERED: <i>9/29/01</i>
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FORM PTO-1449 <i>3001</i>	ATTY DOCKET NO. U-013220-5	SERIAL NUMBER 09/744,085
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OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

<i>71F</i>	AC	Michael J. Giroux, et al., "A single gene mutation that increases maize seed weight", Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 5824-5829, June 1996.
	AD	Preiss J et al., "Starch synthesis in sinks and sources" Marcel Dekker Publ. NYC, pp. 63-96, 1996, <i>Photoassim. Distr. Plants Crops, Zamski et al, eds</i>
	AE	Y. Kanayama, et al., "Divergent fructokinase genes are differentially expressed in tomato", Plant Physiol. 1997, 113:1379-1384.
	AF	S. Yelle, et al., "Sink Metabolism in tomato fruit", Plant Physiol. 1991, Vol. 95, p. 1026-1035.
	AG	Fei Wang, et al., "Isolation and sequencing of tomato fruit sucrose synthase cDNA", Plant Physiol. 1993, 103:1463-1464.
	AH	H. Fu, et al., "Sink- and vascular-associated sucrose synthase functions are encoded by different gene classes in potato", The plant cell, vol. 7, 1369-1385, Sept. 1995.
	AI	J. D. Hewitt et al., "sink strength of fruits of two tomato genotypes differing in total fruit solids content", J. Amer. Soc. Hort. Soc. 107(5), 1982, pp. 896-900.
	AJ	A.J. Walker, et al., "Carbon translocation in the tomato: carbon import and fruit growth", Ann. Bot. 41, 813-823, 1977.
EXAMINER: <i>David M</i>		DATE CONSIDERED: <i>9/29/02</i>
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OK	AC	C.M. Rick, "High soluble-solids content in large-fruited tomato lines derived from a wild green-fruited species", Hilgardia, 42:493-510, 1974.
	AD	Y. Kanayama, et al., "Tomato fructokinases exhibit differential expression and substrate regulation", Plant Physiol. 1998, 85-90, Vol. 117
	AE	Schaffer Arthur A et al., "Inhibition of fructokinase and sucrose synthase by cytosolic levels of fructose in young tomato fruit undergoing transient starch synthesis", Phys. Plant. 101:800-806, 1997.
	AF	Superscript Preamplification System, GibcoBRL Life Technologies, Gaithersburg, MD, USA, 1995.
	AG	S. Yelle, et al., "Sink metabolism in tomato fruit", Plant. Physiol. 1988, 87, 737-740.
	AH	Taq DNA Polymerase, Supernova DNA Polymers, Madi Ltd. Rishon Le-Zion, Israel, 1999.
	AI	Automater Thermocycler, MJ Research Ind. Watertown, Massachusetts, USA, 1998.
	AJ	Chen B.Y. et al., "The electronic plant gene register", Plant Physiology, 109:1498, 1995.
	AK	pGEM-T and pGEM-T Easy Vector Systems, Promega Corp., Madison, WI, USA, 1997.
↓	AL	Trizol Reagent System, GibcoBRL Life Technologies, Gaithersburg, MD, USA, 1999.

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